

Alaska Energy Cost Reduction Program Progress Report

Grantee: Alaska Power & Telephone Company

Grant # DE-FC07-04ID14538

Period of Report: Fourth Quarter 2005 (October 1 through December 30, 2005)

Project Name: Tok-Chistochina Regional Intertie Project (Denali)

Project activities completed:

Chistochina Line Extension

- Utility easements with BLM, NPS, DNR, DOT, and Ahtna are in the permitting application process.
- Staff conducted a site survey and met with the Chistochina property owners regarding placement of the power line and service poles.

Chistochina River Bridge

- Contract was finalized with Yukon Construction for utility attachments to the bridge.
- Nine hundred feet of six-inch schedule 80 PVC conduit, all weather glue, and expansion joints were requisitioned.
- Cable was ordered and arrived in Tok from supplier in late November.
- Many delays and difficulties ordering the hangers were overcome by ordering a mock-up from the Tolco dealer then having them fabricated in Anchorage.
- The remaining materials were ordered and the utility attachments were installed.

Slana Distribution System

- The main three-phase line construction is complete with 18 customers hooked up to commercial power.
- Crews installed a service to the Copper Valley Telephone Company (CVTC) tower site on Nabesna Road.
- Crews installed a three-phase bank at the Hart D Ranch.
- The search for a few landowners continues.
- Staff met with BLM staff and archaeologist to discuss new line route from Nabesna Road to one main road into the 4 Mile Settlement area
- BLM continues working through issues with landowners, hazardous materials left by previous dwellers, and easement issues.
- Copper Valley Telephone finished remaining utility location marking.
- BLM archaeologist granted permission for relocation of some poles and begin line construction.
- Right-of-way clearing and route marking was completed on another two-mile stretch.

- CVTC located telephone utility along the two miles of Glenn Highway and into customer properties.
- A final route was determined, easement form obtained, the line marked, and right-of-way cleared, and line built across the Frey home within DOT road right-of-way.
- Staff visited work site with the area residents confirming that the correct meter boxes were type build to met NEC code, collecting fees, deeds, and utility easements.
- Crews installed 97 three-phase primary poles and 32 single-phase tap lines poles, strung conductor, and provided service to 17 customers.

Project existing or potential problems:

- No other work may continue on Chistochina Line Extension until the governing agencies grant necessary permits.
- Archaeological and cultural finds during ground disturbing activities have slowed, halted. or changed pole placement and route.
- Three-phase service at Hart D Ranch will not be activated work at the ranch finishes tentatively date being spring.
- Several attempts to connect waste to Slana School by CVSD personnel showed problems with plumbing that prevented completion of the loop. It was decided to place this project on hold until summer 2006.
- Material prices continue to escalate and availability be hampered with the rebuilding of Iraq and storm damaged areas of the U.S.

Activities targeted for Next Reporting Period, First Quarter 2006:

Chistochina Line Extension

- Continued work with permits
- Meet with the local residents for preliminary site surveys and acquisition of legal paperwork.

Slana

- Continue locating unaccounted for landowners.
- Obtain utility easement from BLM to provide service along an established trail into a resident west of Ahtell Creek
- Continue working through permitting issues with BLM and National Park Service.
- Determine line route
- Continue marking utility line locations.